| Index | of CI | aims |
|-------|-------|------|
|       |       |      |
|       |       |      |
|       |       |      |

| Application | /Control | No. |
|-------------|----------|-----|
|-------------|----------|-----|

09/620,199

Examiner

Andre Boyce

Applicant(s)/Patent under Reexamination

PARKER ET AL.

Art Unit

3623

| √ | Rejected |
|---|----------|
| _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| 2 | Objected |

| Claim | , _              | Date     |          |          |          | $\neg$   | Claim Date   |          |                 |          |          |          |              |                 | Cl       | aim      | Date                    |          |          |          |        |                 |            |  |              |  |          |          |           |          |          |   |
|-------|------------------|----------|----------|----------|----------|----------|--------------|----------|-----------------|----------|----------|----------|--------------|-----------------|----------|----------|-------------------------|----------|----------|----------|--------|-----------------|------------|--|--------------|--|----------|----------|-----------|----------|----------|---|
|       | -                | ~        |          |          |          |          |              |          |                 |          | 1        | ٣        |              |                 | Γ        |          | Ť                       |          |          | T        | $\neg$ | _               |            |  |              |  |          |          |           |          |          |   |
| Final | Original         | 101 5006 |          |          |          |          |              |          |                 |          | Final    | Original | 8/xe/s/      |                 |          |          |                         |          |          |          |        | Final           | Original   |  |              |  |          |          |           |          |          |   |
|       |                  | Ì        | $\neg$   | _        | $\neg$   |          |              |          | $\dashv$        | ┪        |          | 51       | ㄴ            |                 | $\dashv$ | 一        | ┪                       | +        | 7        | -        | 1      |                 | 101        |  | $\vdash$     | Т  |          |          |           | $\dashv$ | ヿ        | _ |
| 2     |                  | T        | $\neg$   | _        | 一        | $\neg$   |              |          |                 | _        |          | 52       | -            |                 |          | 一        | 7                       | +        | 7        |          | 1      |                 | 102        |  |              |  |          |          |           | $\neg$   | $\neg$   | _ |
|       | 3                | П        | 7        | T        |          |          |              |          | П               | 7        |          | (53)     | ᅳ            |                 |          | 寸        | _                       | $\top$   | 1        |          | 1      |                 | 103        | $\vdash$   |              |  |          |          |           | 寸        | $\dashv$ | _ |
|       | 4                | ٦        |          | 寸        | T        |          |              |          | $\neg$          | _        |          | (54)     | -            |                 | T        | $\neg$   | $\neg$                  |          | 7        |          | 1      |                 | 104        |  |              |  |          |          |           |          |          |   |
|       | 5                | П        | $\neg$   | ヿ        | ╗        |          |              |          |                 |          |          | 55       |              |                 |          | ┪        | $\neg$                  | $\top$   | T        |          | 1      |                 | 105        |  |              | П  |          |          |           |          | コ        |   |
| - 6   | 6                | T        |          | T        |          |          |              |          | $\Box$          |          |          | 56       |              |                 |          | $\neg$   | П                       | Т        | T        |          | 1      |                 | 106        |  |              |  |          |          |           |          | П        |   |
| 7     | 7                | П        |          |          |          |          |              |          |                 |          |          | 57       |              |                 |          |          |                         |          |          |          | ]      |                 | 107        |  |              |  |          |          |           |          |          |   |
| 8     | 8                | Π        |          |          |          |          |              |          |                 |          |          | 58       |              |                 |          |          |                         |          |          |          | ]      |                 | 108        |  |              |  |          |          |           |          |          |   |
| 9     |                  | П        |          |          |          |          |              |          |                 |          |          | 59       |              |                 |          | $\perp$  | $\perp$                 | $\perp$  | $\perp$  |          | 1      |                 | 109        |  |              |  |          |          |           |          |          |   |
| 1     |                  | П        | $\Box$   |          |          |          |              |          |                 |          |          | 60       |              |                 |          |          | _                       | _        | _        |          | 1      |                 | 110        | $oxed{oxed}$                                     |              |  |          |          |           | _        | _        |   |
| 1     |                  | Ц        | _        | _        | _        |          |              |          | $\sqcup$        | _        |          | 61       | _            |                 | _        | _        | _                       | 4        | 4        |          | 4      |                 | 111        |  | _            |  |          |          |           | _        | _        | _ |
| 1     |                  | Н        | _        | _        | _        |          | Ш            | Ш        | $\square$       | _        |          | 62       | $\vdash$     | $\sqcup$        | 4        | $\dashv$ | $\perp$                 | $\perp$  | 4        | $\perp$  | 4      |                 | 112        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | <u> </u>     | _  | Щ        |          |           | _        | 4        |   |
| 1     |                  | Н        |          | _        | _        | $\dashv$ | ļ.           | <b> </b> | $\vdash$        | $\dashv$ |          | 63       | <u> </u>     | ert             | $\dashv$ | -        |                         | +        | 4        |          | -      | <u> </u>        | 113        | <u> </u>   | ├—           |  | Н        | $\dashv$ |           |          | $\dashv$ |   |
| 1.    |                  | H        | -        | -        | -        |          | H            |          | $\vdash$        | $\dashv$ |          | 64<br>65 | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$                | +        | +        | -        | -      |                 | 114<br>115 | $\vdash$   | $\vdash$     | -  |          |          | $\vdash$  | $\dashv$ | $\dashv$ |   |
| 1     |                  | H        | -        | $\dashv$ | $\dashv$ | $\vdash$ | H            |          | $\vdash$        | $\dashv$ | -        | 66       |              | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$                | +        | +        |          | 1      | $\vdash \vdash$ | 116        |  | <del> </del> | $\vdash$   | $\vdash$ | -        |           | $\dashv$ | $\dashv$ |   |
| 1     | 3                | H        | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | H            | Н        | $\vdash$        | $\dashv$ |          | 67       | -            | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$                | +        | +        | +        | 1      | $\vdash\vdash$  | 117        |  | <del> </del> | <del>                                     </del> | Н        | $\dashv$ |           | -+       | $\dashv$ | _ |
| 1     |                  | Н        | $\dashv$ | -        |          | $\vdash$ | $\vdash$     |          | $\vdash$        | $\dashv$ | -        | 68       | $\vdash$     | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$                | +        | +        | $\dashv$ | 1      |                 | 118        | $\vdash$   | $\vdash$     | -  | Н        | -        |           | $\dashv$ | $\dashv$ |   |
| 1     |                  | H        | $\dashv$ | $\dashv$ | $\dashv$ |          | -            | $\vdash$ | $\dashv$        | $\dashv$ | _        | 69       | $\vdash$     | $\vdash$        |          | -+       | +                       | +        | $\dashv$ | +        | 1      | $\vdash$        | 119        | -  | $\vdash$     |  | H        | $\dashv$ |           | $\dashv$ | $\dashv$ | _ |
| 2     |                  | Н        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |              | -        | $\vdash$        | $\dashv$ |          | 70       | Н            | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$                | $\dashv$ | $\dashv$ |          | 1      |                 | 120        |  | $\vdash$     | $\vdash$   | H        | $\dashv$ |           | +        | $\dashv$ | _ |
| 2     |                  | Н        | $\dashv$ | ┪        | $\neg$   |          | _            |          | $\vdash$        | ┪        |          | 71       | $\vdash$     |                 | $\dashv$ | $\dashv$ | 十                       | _        | 7        |          | 1      |                 | 121        |  | ┢            | <del>                                     </del> |          |          | $\neg$    |          | $\dashv$ | _ |
| 2     |                  | Ħ        |          | 十        | $\neg$   | $\neg$   | _            |          | $\dashv$        | ᅥ        |          | 72       |              |                 | $\dashv$ | 7        | 十                       | 十        | 7        |          | 1      |                 | 122        |  |              |  |          |          |           | $\neg$   | ヿ        | _ |
| 2     |                  | Н        | 寸        | _        |          | _        | _            |          | $\Box$          | $\dashv$ |          | 73       |              |                 |          | _        | 7                       | $\top$   | T        |          | 1      |                 | 123        |  | Т            | T  |          |          |           | $\neg$   | 寸        | _ |
| 6     | 4                | П        | ヿ        | ヿ        | $\neg$   |          |              |          |                 | _        |          | 74       |              |                 | 7        | ヿ        |                         | _        | T        |          | 1      |                 | 124        |  | $\vdash$     | Г  |          |          |           |          | $\neg$   | _ |
| 2     |                  | Т        | 寸        | 7        |          |          |              |          | $\Box$          |          |          | 75       |              |                 |          |          | 1                       |          | T        |          | 1      |                 | 125        |  |              |  |          |          |           |          |          |   |
| 2     |                  | П        | T        | $\neg$   |          |          |              |          |                 |          |          | 76       |              |                 |          |          |                         |          | T        |          | 1      |                 | 126        |  |              |  |          |          |           |          |          |   |
| 2     |                  | Π        |          |          |          |          |              |          |                 |          |          | 77       |              |                 |          |          |                         |          |          |          | ]      |                 | 127        |  |              |  |          |          |           |          |          |   |
| 2     |                  | $\Gamma$ |          |          |          |          |              |          |                 |          |          | 78       |              |                 |          |          |                         |          |          |          | ]      |                 | 128        |  |              |  |          |          |           |          |          |   |
| 2     |                  | ¥        |          |          |          |          |              |          |                 |          |          | 79       |              |                 |          |          |                         |          |          |          |        |                 | 129        | _  |              |  |          |          |           |          | _        | _ |
| 3     | 30               |          |          | _        |          |          |              |          | Ш               | _        |          | 80       |              |                 |          | _        |                         | 4        | 4        |          | 1      |                 | 130        | L  |              |  |          |          |           | _        | $\dashv$ | _ |
| 3     | <u> 1</u>        |          | $\dashv$ | _        |          | Ш        |              | Ш        | Ц               | _        |          | 81       | L.           | Щ               | 4        | 4        | 4                       | 4        | 4        |          | 4      |                 | 131        |  | _            | ļ  |          |          |           | _        | _        | _ |
| 3     | 2                | _        | _        | _        | _        | $\Box$   | $oxed{oxed}$ | Ш        | $\sqcup$        | $\dashv$ |          | 82       | $\sqcup$     | $\sqcup$        | _        | _        | $\dashv$                | $\perp$  | 4        | Ц_       | 1      |                 | 132        | <u> </u>   | <u> </u>     | <b> </b>   | <u> </u> |          | Щ.        | $\dashv$ | $\dashv$ |   |
| 3     | 13               | _        | _        | _        | _        | $\sqcup$ |              | Щ        | $\sqcup$        | _        |          | 83       | L            | dash            | 4        | _        | _                       | +        | 4        |          | 4      | <u> </u>        | 133        | <u> </u>   | $\vdash$     | <u> </u>   | <u> </u> |          | $\square$ | 4        |          | _ |
| 3     | 3<br>4<br>5<br>6 | _        | _        | $\dashv$ | $\dashv$ | $\sqcup$ | $\vdash$     | Щ        | $\vdash \vdash$ | $\dashv$ |          | 84       | <del> </del> | $\vdash \vdash$ | -+       | $\dashv$ | -                       | +        | 4        |          | -      | <u> </u>        | 134        | $\vdash$   | $\vdash$     | ├—   | -        |          | <b>—</b>  | $\dashv$ | $\dashv$ |   |
| 3     | <u>P</u>         | _        |          | $\dashv$ | -        | $\vdash$ | <u> </u>     | H        | $\vdash$        | $\dashv$ |          | 85       | -            | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$                | $\dashv$ | $\dashv$ | $\dashv$ | -      |                 | 135<br>136 | $\vdash$   | <del> </del> | -  | $\vdash$ | $\dashv$ | $\vdash$  |          |          |   |
| 3     | 12               |          |          |          | -        | $\vdash$ | _            | H        | $\vdash$        | $\dashv$ |          | 86<br>87 | -            | $\vdash \vdash$ | $\dashv$ | -+       | +                       | +        | $\dashv$ |          | ┨      |                 | 137        | $\vdash$   | $\vdash$     | ├  | -        | -        | $\dashv$  | $\dashv$ | $\dashv$ |   |
| 3     | <u> </u>         | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -            | $\vdash$ | $\vdash$        | $\dashv$ | -        | 88       | $\vdash$     | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -+                      | +        | $\dashv$ | $\dashv$ | ┨      |                 | 138        | <u> </u>   | -            | ⊢  | $\vdash$ |          | $\vdash$  | $\dashv$ | $\dashv$ | _ |
| 3     | 9                | _        | $\dashv$ | $\dashv$ | -        |          | <u> </u>     | $\vdash$ | $\vdash$        | $\dashv$ | -        | 89       | $\vdash$     | $\vdash \dashv$ | -+       | +        | $\dashv$                | +        | +        |          | 1      | -               | 139        | -  | $\vdash$     | $\vdash$   | H        | -        | Н         | $\dashv$ | $\dashv$ | _ |
|       | h                | -        | -+       | +        | $\dashv$ |          | -            | -        | $\vdash$        | $\dashv$ | $\vdash$ | 90       | -            | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -                       | +        | +        | +        | 1      | $\vdash$        | 140        | $\vdash$   | $\vdash$     |  | Н        |          | Н         | $\dashv$ | $\dashv$ |   |
| 4     | 'P_L             | _        | +        | -+       | $\dashv$ |          | H            |          | $\vdash$        | $\dashv$ | _        | 91       | $\vdash$     | $\vdash \vdash$ | -+       |          | -                       | $\dashv$ | +        | +-       | 1      | $\vdash$        | 141        | <del>                                     </del> | $\vdash$     |  | Н        | Н        | $\dashv$  | -        | $\dashv$ |   |
|       | 2                | ᅥ        | -        | +        | $\dashv$ |          |              |          | $\vdash$        | $\dashv$ |          | 92       | Т            | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$                | $\top$   | 7        |          | 1      |                 | 142        |  | $\vdash$     | П  | П        | М        |           | 1        | 一        |   |
|       |                  |          | $\dashv$ | $\dashv$ | ᅥ        | $\dashv$ | $\vdash$     | $\vdash$ | $\Box$          | $\dashv$ |          | 93       | П            |                 | -1       | 1        | 7                       | $\top$   | 1        |          | 1      |                 | 143        |  |              |  |          | $\Box$   |           | $\dashv$ | ヿ        | _ |
|       |                  | <u>_</u> | -        | _        |          |          |              |          | $\sqcap$        | $\dashv$ |          | 94       | П            |                 | $\neg$   | 寸        | 7                       | $\top$   | ┪        | $\top$   | 1      |                 | 144        |  |              |  |          |          |           |          |          | _ |
| 4     | 4                | レ        | _        | 7        |          |          |              |          | $\Box$          | $\neg$   |          | 95       | П            |                 | $\neg$   | 寸        | 寸                       | $\dashv$ | 7        |          | 1      |                 | 145        |  |              |  |          |          |           |          |          |   |
| 4     |                  | ~        |          |          | ╗        |          |              |          |                 |          |          | 96       |              |                 |          |          | ⅃                       |          |          |          | ]      |                 | 146        |  |              |  |          |          |           |          |          | _ |
| 4     | 7                | u        |          |          |          |          |              |          |                 |          |          | 97       |              |                 |          | I        | $\Box$                  | floor    | floor    |          | ]      |                 | 147        |  |              |  |          |          |           |          | $\Box$   | _ |
|       | _                | ~        | $\Box$   | $\Box$   |          |          |              |          |                 |          |          | 98       |              |                 | $\Box$   |          | $oldsymbol{\mathbb{I}}$ |          | Ī        |          | 1      |                 | 148        |  |              |  |          |          |           |          |          |   |
| 4     |                  | 7        | $\Box$   | I        |          |          |              |          |                 | _]       |          | 99       | Ш            |                 |          | _[       | $\bot$                  | $\perp$  | $\perp$  |          | 1      |                 | 149        |  |              |  |          |          |           | $\Box$   | $\Box$   |   |
| 5     | iŌ               | 7        |          | $\perp$  |          |          |              | آــــا   | $\Box$          |          |          | 100      |              |                 |          |          | ŀ                       |          |          |          | J      |                 | 150        |  |              |  |          |          |           |          |          |   |